

## 306-R-753 16 FT STRAIGHTEDGE

*(Adopted 08-18-22)*

The Standard Specifications are revised as follows:

SECTION 305, BEGIN LINE 19, DELETE AND INSERT AS FOLLOWS:

**305.03 New PCC Base**

Construction of new PCC bases shall be in accordance with 502, except for 502.14, and 502.20. The CMDS shall be in accordance with 502.03 except utilization of the Department provided spreadsheet is not required. The surface shall be finished with wet burlap or by wood floats. Smoothness of the base ~~will~~*shall* be controlled by the Contractor with a 16 ft long straightedge longitudinally and *will be controlled by the Department* with a 10 ft long straightedge transversely. *The 16 ft straightedge shall be in accordance with 306.03(d). The 10 ft straightedge will be in accordance with 306.03(d).*

SECTION 305, AFTER LINE 198, INSERT AS FOLLOWS:

*Furnishing and operating the 16 ft straightedge shall be included in the cost of other pay items within this section.*

SECTION 306, BEGIN LINE 59, DELETE AND INSERT AS FOLLOWS:

**(d) Straightedge**

**1. Straightedge – 16 ft**

~~A 16 ft straightedge shall be a rigid beam mounted on two solid wheels on axles 16 ft apart. The straightedge has a mounted push bar to facilitate propelling the device along or across the pavement. Tolerance points are located at the 1/4, 1/2, and 3/4 points and may be composed of threaded bolts capable of being adjusted to the tolerance required.~~*The straightedge shall be a walk behind, rigid beam device on two solid wheels on axles 16 ft apart with adjustable rods at the 1/4, 1/2, and 3/4 points. The adjustable rods shall be set to a 1/4 in clearance from the bottom of the rods to the bottom of the wheels when checked with a taut stringline running from wheel to wheel at each end of the straightedge. The straightedge shall be operated in the wheel path approximately 3 ft transversely from the edge line in the direction of traffic and parallel to the pavement centerline. The operator of the straightedge shall walk the equipment over the completed pavement surface while maintaining the alignment of the equipment in the presence of the Engineer.*

SECTION 306, AFTER LINE 267, INSERT AS FOLLOWS:

*Furnishing and operating the 16 ft straightedge shall be included in the cost of other pay items within this section.*

SECTION 409, BEGIN LINE 142, DELETE AND INSERT AS FOLLOWS:

**(f) Smoothness Equipment**

**1. Profilograph**

The ~~profilograph~~*inertial profiler* shall be in accordance with ITM ~~912917~~.

**2. Straightedge – 16 ft**

~~A 16 ft straightedge shall be a rigid beam mounted on two solid wheels on axles 16 ft apart. The straightedge has a mounted push bar to facilitate propelling the device along~~

or across the pavement. Tolerance points are located at the 1/4, 1/2, and 3/4 points and may be composed of threaded bolts capable of being adjusted to the tolerance required.

### **3. Straightedge—10 ft**

~~The 10 ft straightedge is the same as a 16 ft straightedge except that the wheels are mounted 10 ft apart. A handheld rigid beam may be substituted.~~

SECTION 410, BEGIN LINE 499, DELETE AND INSERT AS FOLLOWS:

Payment for furnishing, calibrating, ~~and~~ operating the ~~profilograph~~*inertial profiler*, and furnishing *IRI* profile information will be made in accordance with ~~401.22~~*401.18*.

*Furnishing and operating the 16 ft straightedge shall be included in the cost of other pay items within this section.*

SECTION 410, BEGIN LINE 538, DELETE AND INSERT AS FOLLOWS:

The price for ~~profilograph~~*Inertial Profiler*, HMA will be full compensation regardless of how often the ~~profilograph~~*inertial profiler* is used or how ~~many profilograms are produced~~*often the IRI is determined*.

SECTION 414, BEGIN LINE 173, DELETE AND INSERT AS FOLLOWS

#### **414.13 Smoothness**

~~A straightedge in accordance with 409.03(f) will be used to determine smoothness. The 16 ft straightedge will be used to accept smoothness along the direction of mainline traffic and the 10 ft straightedge will be used to accept smoothness transverse to the direction of mainline traffic.~~*Pavement smoothness shall be controlled by the Contractor with a 16 ft long straightedge longitudinally, and will be controlled by the Department with a 10 ft long straightedge transversely. The 16 ft straightedge shall be in accordance with 306.03(d). The 10 ft straightedge will be in accordance with 306.03(d). Smoothness correction shall be in accordance with 401.18(ee).*

SECTION 506, BEGIN LINE 463, DELETE AND INSERT AS FOLLOWS:

For patches which are not to be overlaid and have a length greater than 20 ft, pavement smoothness will be in accordance with 501.25 except ~~profilograph~~*inertial profiler* requirements will not apply.

SECTION 508, BEGIN LINE 282, DELETE AND INSERT AS FOLLOWS:

#### **(c) ~~Profilograph~~Inertial Profiler**

The ~~profilograph~~*inertial profiler* shall be in accordance with ITM ~~912~~*917*.

#### **(d) ~~Straightedge—16 ft~~**

~~A 16 ft straightedge shall be a rigid beam mounted on two solid wheels on axles 16 ft apart. The straightedge has a mounted push bar to facilitate propelling the device along or across the pavement. Tolerance points are located at the 1/4, 1/2, and 3/4 points and may be composed of threaded bolts capable of being adjusted to the tolerance required.~~

#### **(e) ~~Straightedge—10 ft~~**

~~A 10 ft straightedge is the same as a 16 ft straightedge except that the wheels are mounted 10 ft apart. A handheld rigid beam may be substituted.~~